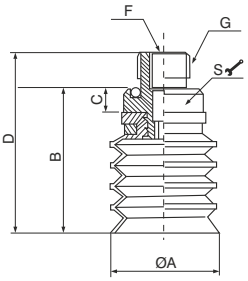
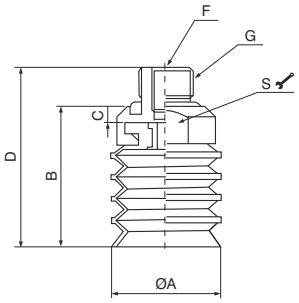
Long bellows suction cup



Code Ⓥ = Version N =NBR / S=Silicon	ØA	B	C	D	F	G	S
19VTS.Ⓥ.18.020.45	20	24.5	1.5	30.5	M5	G1/8"	S12
19VTS.Ⓥ.18.030.45	30	37	5	44	-	G1/8"	S17
19VTS.Ⓥ.18.040.45	40	17	5	24	-	G1/8"	S17
19VTS.Ⓥ.14.050.45	50	58	6	67	-	G1/4"	S24



Code	ØA	B	C	D	F	G	S	Weight (gr.)
19VTS.S.18.020.45	20	26	3	27	M5	G1/8"	S16	5.9

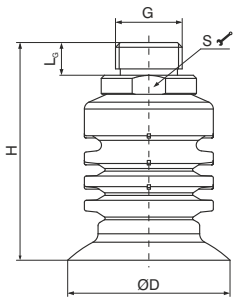
Long bellows suction cup which, due to its shape, makes it possible to compensate for differences in height. Its upward movements are particularly suitable for the separation of thin products, and suitable for handling food packed in plastic bags and for fragile objects. This suction cup is not suitable for handling objects with lifting force parallelto the surface.

Table of lifting forces

Code Ⓥ = Version N =NBR / S=Silicone	Volume cm^3	Lifting force in vertical direction (N)		Weight (gr.)
		-20kPa	-60kPa	
19VTS.Ⓥ.18.020.45	4	0.3	0.6	3.9
19VTS.Ⓥ.18.030.45	13	0.6	1.55	12.4
19VTS.Ⓥ.18.040.45	27	1.05	2.15	19.8
19VTS.Ⓥ.14.050.45	55	1.68	4.22	38.3

Material	Colour	Hardness °Shore A	Operating temperature °C
NBR	black	55	-20 ÷ 110
Silicone	red	50	-40 ÷ 200

Long bellows suction cup for bags



Code	D	H	G	L_G	S
19VTS.S.14.030.35	30.5	51.5	G1/4"	9	19
19VTS.S.38.040.35	40	56	G3/8"	10	22
19VTS.S.12.050.35	50	69	G1/2"	10	28

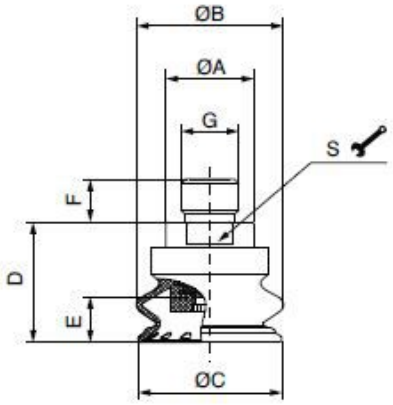
The long bellows suction cup is especially suited for the movement of bags, thanks to its very thin lip and internal notchings, which allow it to ensure secure gripping even with heavy bags that are difficult to lift.

Table of lifting forces

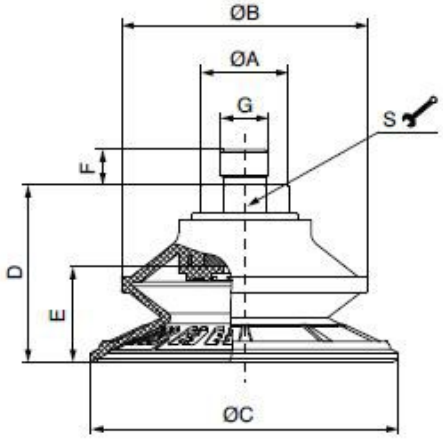
Code	Volume cm^3	Lifting force in vertical direction (N)	Weight (gr.)
		-60kPa	
19VTS.S.14.030.35	8.5	9	17.6
19VTS.S.38.040.35	14	15	23.6
19VTS.S.12.050.35	26	25	44.2

Material	Colour	Hardness °Shore A	Operating temperature °C
Silicone	red	40	-40 ÷ 200

Round bellows suction cup made of polyurethane



Code	ØA	ØB	ØC	D	E	F	G	S
19VTS.P.14.030.15	19.8	32	32	28	7	13.5	G1/4" thread male	17
19VTS.P.14.040.15	19.8	32	42	29	9	13.5	G1/4" thread male	22
19VTS.P.14.050.15	25	40	51.5	37	11.5	13.5	G1/4" thread male	22



Code	ØA	ØB	ØC	D	E	F	G	S
19VTS.P.14.060.15	24	50	64	41.5	15	13.5	G1/4" thread male	21
19VTS.P.14.080.15	24	68	84	49.5	22.5	13.5	G1/4" thread male	21
19VTS.P.14.100.15	24	83	103	55	20.5	13.5	G1/4" thread male	22

Round bellows suction cup made of polyurethane, suited for moving pieces of various sizes and shapes and where level compensation is necessary, such as when withdrawing from loaders. The big advantage of this suction cup is that the material it is made of--polyurethane--lasts longer than other materials, has optimum wear resistance, good flexibility and optimum tensile strength. Suitable for moving--with vacuum--steel sheets, glass sheets , cardboard boxes and wood panels.

Table of lifting forces

Code	Volume cm^3	Lifting force in vertical direction (N)			Lifting force in parallel direction (N)		
		-20kPa	-60kPa	-90kPa	-20kPa	-60kPa	-90kPa
19VTS.P.14.030.15	6	11	60.2	91	8.4	30.5	76
19VTS.P.14.040.15	7.2	17.5	93	119.8	11.3	63.8	110.8
19VTS.P.14.050.15	11	25	128.5	157.8	20.5	94	144
19VTS.P.14.060.15	22	87.3	156.2	189.2	67	125.6	165.8
19VTS.P.14.080.15	59.5	118.6	210.5	252.6	89	167.8	221.2
19VTS.P.14.100.15	103.5	149	269.5	310.4	111.8	209.8	276.5

Material	Colour	Hardness °Shore A	Operating temperature °C
PU	Blue	60	10 ÷ 50

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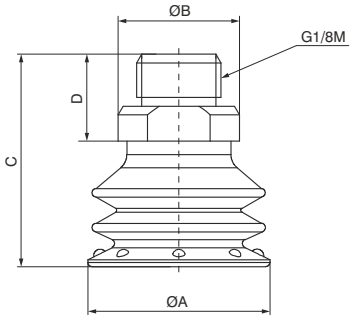
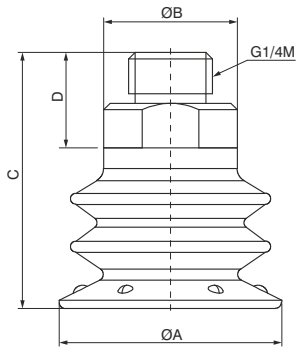
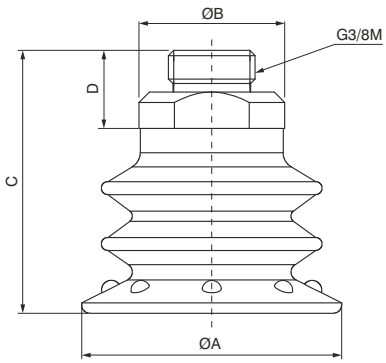
Round bellows suction cup made of polyurethane



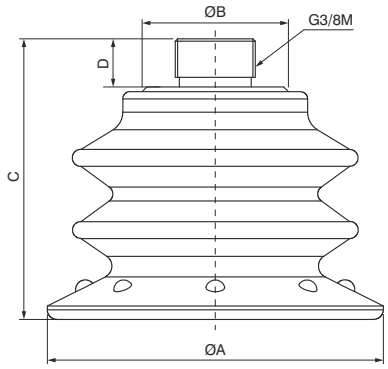
Code	ØA	ØB	C	D
19VTS.P.18.020.25	21	14	39	10
19VTS.P.18.030.25	30	14	31.3	10



Code	ØA	ØB	C	D
19VTS.P.14.040.25	40	21	43.5	15



Code	ØA	ØB	C	D
19VTS.P.38.050.25	50	18	51.5	16



Code	ØA	ØB	C	D
19VTS.P.38.070.25	70	30.5	58.5	10

Round bellows suction cup made of polyurethane, suited for movement of pieces of various size and shape and where level compensation is necessary, such as when withdrawing from loaders. The big advantage of this suction cup is that the material it is made of--polyurethane--lasts longer than other materials, has optimum wear resistance, good flexibility and optimum tensile strength. Suitable for moving porous objects or ones with an irregular surface, such as cardboard. Polyurethane suction cups are mark resistant.

Table of lifting forces

Code	Volume cm^3	Lifting force in vertical direction (N)			Weight (gr.)
		-20kPa	-60kPa	-90kPa	
19VTS.P.18.020.25	1.18	4.5	7	10	4.2
19VTS.P.18.030.25	9	10	19	25	6.9
19VTS.P.14.040.25	15	15	32	50	18.2
19VTS.P.38.050.25	30	35	58	79	32.6
19VTS.P.38.070.25	75	72	125	150	60.5

Material	Colour	Hardness °Shore A	Operating temperature °C
PU	Green	55	10 ÷ 50